



Philips Cineos
flat HDTV with Perfect
Pixel HD Engine and
Ambilight Surround

42"

LCD DVB-T MPEG4

CINEOS

42PFL9742D

Perfect
Pixel
HD ENGINE



Full HD
1080p

mp4

DVB-T
TERRESTRIAL



HD
NATURAL
MOTION

2x
HDMI

Turn up your viewing experience

with Perfect Pixel HD and Ambilight

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with integrated MPEG-4 HDTV receiver, Perfect Pixel HD Engine, Ambilight Surround, a Full HD 1080p display and 100 Hz Clear LCD technology.

Immersive viewing experience

- Full HD LCD display, with a 1920x1080p resolution
- HDTV with MPEG4 to enjoy true-to-life HD pictures
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- 100Hz Clear LCD for superb motion sharpness (3ms)
- Ambilight Surround for an immersive viewing experience
- HD Natural Motion for ultra smooth motion in Full HD movies

True beauty lies in the details

- Matching design swivel stand

Perfect picture quality from your digital photos

- USB and Memory-Card slot for instantly playing multimedia

For advanced performance

- 2 HDMI inputs for full digital HD connection in one cable



PHILIPS

sense and simplicity

Specifications

Picture/Display

- **Aspect ratio:** Widescreen
- **Brightness:** 550 cd/m²
- **Contrast ratio (typical):** 1200:1
- **Dynamic screen contrast:** 8000:1
- **Response time (typical):** 3 (BEV equiv.) ms
- **Viewing angle:** 176° (H) / 176° (V)
- **Diagonal screen size:** 42 inch / 107 cm
- **Display screen type:** LCD Full HD W-UXGA Act. matrix
- **Panel resolution:** 1920x1080p
- **Color processing:** 4 trillion colors (14bit RGB)
- **Picture enhancement:** Perfect Pixel HD Engine, HD Natural Motion, Dynamic contrast enhancement, 1080p 50/60Hz processing, 1080p 24/25/30Hz processing, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive Scan, Pulse Killer Chip, Widescreen Plus, 100Hz Clear LCD, Double frame rate
- **Screen enhancement:** Anti-Reflection coated screen

Ambilight

- **Ambilight Features:** Ambilight Surround, Auto adaptive to video content, Full operation in stand-by
- **Ambilight light system:** LED wide color
- **Dimming Function:** Manual and via Light Sensor

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1360 x 768	60Hz
1920 x 1080i	60Hz
1920 x 1080p	60Hz

Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24Hz, 25Hz, 30 Hz
1080p	50Hz, 60Hz

Sound

- **Output power (RMS):** 2x8W
- **Sound Enhancement:** Digital Signal Processing, Graphic Equaliser, Dynamic Bass Enhancement
- **Sound System:** Virtual Dolby Digital, BBE

Loudspeakers

- **Built-in speakers:** 4
- **Loudspeaker types:** Integrated woofers with woox, Dome tweeter

Convenience

- **Child Protection:** Child Lock+Parental Control
- **Clock:** Smart Clock
- **Ease of Installation:** Auto Program Naming,

Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play

- **Ease of Use:** 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control
- **Electronic Program Guide:** Now + Next EPG, 8 day Electronic Program Guide
- **Remote Control:** TV, DVD, HTS (Home Theater System), STB (Set-Top Box)
- **Remote control type:** RC4422
- **Screen Format Adjustments:** unscaled (1080p dot by dot), 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen
- **Picture in Picture:** Text dual screen
- **Teletext:** 1200 page Hypertext
- **Teletext enhancements:** Habit Watch, Program information Line
- **Firmware upgradeable:** Firmware auto upgrade wizard, Firmware upgradeable via USB
- **Multimedia:** Digital media reader (browser), USB autobreak-in

Multimedia Applications

- **Memory Card Types:** Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card
- **Multimedia connections:** USB, 7-in-1 Memory Card Reader
- **Playback Formats:** MP3, Slideshow files (.alb), JPEG Still pictures

Tuner/Reception/Transmission

- **Aerial Input:** 75 ohm coaxial (IEC75)
- **TV system:** DVB COFDM 2K/8K
- **Video Playback:** NTSC, SECAM, PAL
- **DVB:** DVB-T MPEG4*
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF

Connectivity

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 3:** YPbPr, Audio L/R in
- **Ext 4:** HDMI v1.3
- **Ext 5:** HDMI v1.3
- **HDMI features:** Cable equalization, Category I and 2 cables, Compressed audio, Multirate pref. format support, PC format support, Resolutions 720p, 1080i, 1080p
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in, USB, Multi-slot memory card reader
- **Other connections:** Analog audio Left/Right out, S/PDIF out (coaxial), Common Interface

Power

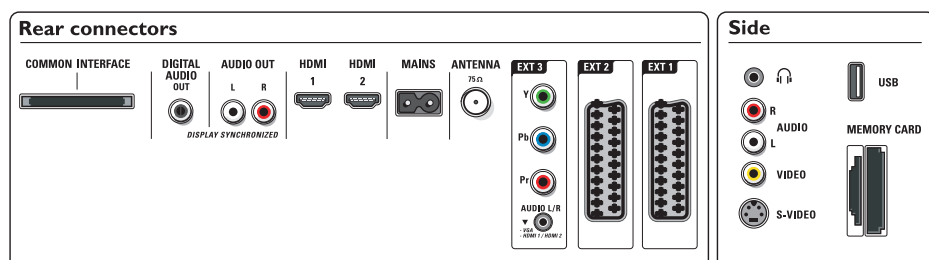
- **Ambient temperature:** 5 °C to 35 °C
- **Mains power:** AC 220 - 240 V +/- 10%
- **Power consumption:** 232 W
- **Standby power consumption:** 0.8 W

Accessories

- **Included Accessories:** Tabletop swivel stand, RF antenna cable

Dimensions

- **Color cabinet:** Brilliant Pearl
- **Set dimensions (W x H x D):** 1060 x 675 x 125 mm
- **Set dimensions with stand (H x D):** 740 x 256 mm
- **Product weight:** 28.7 kg
- **Product weight (+stand):** 32.4 kg
- **Box dimensions (W x H x D):** 1160 x 881 x 310 mm
- **Weight incl. Packaging:** 38.9 kg
- **VESA wall mount compatible:** 600 x 400 mm





Product highlights

Full HD LCD display 1920x1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

HDTV with MPEG4

HDTV allows you to receive high definition terrestrial broadcasted content via an integrated DVB-T tuner for both MPEG-2 and MPEG-4 formats. Without additional set-top box you will get an exceptional picture and sound quality.

Perfect Pixel HD Engine

Perfect Pixel HD Engine offers the unique combination of ultimate sharpness, natural detail, vivid colors and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts and noise in all sources from multimedia to standard TV and also in highly compressed HD content are detected and reduced ensuring that the picture is clean and razor sharp.

100Hz Clear LCD

100Hz Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

Ambilight Surround

With lights surrounding the picture Ambilight 3 makes an impressive contribution to the overall viewing experience with ambient light on 3 sides to complement the colors and light intensity of the image on screen. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight 3 automatically and independently adapts the colors of each screenside according to the changing content on the screen. With the 3rd Ambilight the top of the picture is now fully surrounded, completely immersing you into the content.

Pre-mounted swivel stand

For maximum freedom of placement, this high-quality stand is designed specifically for this TV. The stand comes pre-mounted to the TV out of the box. It allows easy placement of your Flat TV without the hassle of building the stand to the TV first. Enjoy the best viewing angle by swivelling it to your personal preference.

USB and Memory Card slot

Instantaneously view and share your movies, photos and music. The Memory Card slot will accept cards of type Compact Flash I and II, Memory Stick, SD Card / Mini SD Card, Smart Media, Micro Drive (up to 2 GB) and Multi Media Card. Simply plug the memory card into slot at the side of the TV, and access the multimedia files stored on the card. The USB connector allows access to multimedia files of most USB-sticks and most digital cameras (USB memory-class device).



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